

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| -        | 49   | ((("0491608") or ("5059550") or ("5049970") or ("5139964") or ("5217912") or ("5200361") or ("5183782") or ("5183770") or ("5357460") or ("5293075") or ("5298446") or ("5348900") or ("5420079") or ("5312774") or ("5322810") or ("5397446")).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:29 |
| -        | 7725 | Nishioka.inv.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:29 |
| -        | 229  | Nishioka.inv. and capacitor  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:30 |
| -        | 225  | (Nishioka.inv. and capacitor) and @ad<=20000427  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:41 |
| -        | 2060 | ((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:44 |
| -        | 1774 | ((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:44 |
| -        | 1663 | (((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:46 |
| -        | 855  | (((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating) and hole and (conductive electrode metal platinum pt iridium ir)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:49 |
| -        | 465  | ((((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating) and hole and (conductive electrode metal platinum pt iridium ir)) and (ferroelectric bst sbt pzt (tantalum adj (oxide pentoxide))))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 09:56 |
| -        | 240  | ((((((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating) and hole and (conductive electrode metal platinum pt iridium ir)) and (ferroelectric bst sbt pzt (tantalum adj (oxide pentoxide)))) and (barrier and (titanium ti (titanium adj silicon adj nitride) tasin))                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 10:02 |
| -        | 141  | (((((((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating) and hole and (conductive electrode metal platinum pt iridium ir)) and (ferroelectric bst sbt pzt (tantalum adj (oxide pentoxide)))) and (barrier and (titanium ti (titanium adj silicon adj nitride) tasin))) and (silicon adj nitride) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 10:50 |
| -        | 7    | ("4999689"   "5619071"   "5677231"   "5950084"   "5986301"   "5994214"   "5995774").PN.  | USPAT   | 2002/06/06 10:33 |
| -        | 9    | ("5849618"   "6043146"   "6066541"   "6097051"   "6114200"   "6130124"   "6136659"   "6169009"   "6171970").PN.  | USPAT   | 2002/06/06 11:06 |
| -        | 0    | 6335241.URPN.  | USPAT   | 2002/06/06 11:07 |

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| - | 9   | ("5849618"   "6043146"   "6066541"   "6097051"   "6114200"   "6130124"   "6136659"   "6169009"   "6171970").PN.   | USPAT   | 2002/06/06 14:57 |
| - | 258 | fazan.inv.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 14:59 |
| - | 157 | fazan.inv. and capacitor  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 14:59 |
| - | 150 | (fazan.inv. and capacitor) and @ad<=20000427  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/06 15:00 |
| - | 76  | 5392189.URPN.   | USPAT   | 2002/06/06 15:15 |
| - | 0   | (((((438/240) or (438/254) or (438/256) or (438/397) or (438/399) or (257/303) or (257/310)).CCLS.) and @ad<=20000427) and (dielectric insulating) and hole and (conductive electrode metal platinum pt iridium ir) and (ferroelectric bst sbt pzt (tantalum adj (oxide pentoxide)))) and (barrier and (titanium ti (titanium adj silicon adj nitride) tasin))) and (silicon adj nitride) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/07 10:50 |
| - | 31  | ("4782309"   "4903110"   "4910578"   "4982309"   "5005102"   "5046043"   "5049975"   "5053351"   "5053917"   "5098860"   "5099305"   "5111355"   "5134451"   "5162248"   "5168073"   "5185689"   "5187638"   "5189503"   "5198384"   "5248628"   "5293510"   "5335138"   "5340765"   "5366920"   "5381302"   "5387532"   "5391511"   "5392189"   "5401680"   "5506166"   "5631804").PN.   | USPAT   | 2002/12/06 14:09 |
| - | 69  | 5597756.URPN.   | USPAT   | 2002/12/06 14:10 |
| - | 6   | ("5162248"   "5168073"   "5292677"   "5338700"   "5354705"   "5447878").PN.   | USPAT   | 2002/12/06 14:24 |
| - | 3   | ("5597756"   "6054347"   "6096653").PN.   | USPAT   | 2002/12/06 14:24 |
| - | 1   | "5597756".PN.   | USPAT   | 2002/12/06 14:25 |
| - | 1   | 6177308.URPN.   | USPAT   | 2002/12/06 14:25 |
| - | 9   | ("5849618"   "6043146"   "6066541"   "6097051"   "6114200"   "6130124"   "6136659"   "6169009"   "6171970").PN.   | USPAT   | 2002/12/06 15:21 |
| - | 4   | ("5477074"   "5591302"   "5930639"   "5972722").PN.   | USPAT   | 2002/12/06 15:22 |
| - | 14  | ("5231306"   "5360995"   "5504041"   "5508141"   "5576579"   "5609927"   "5675186"   "5679980"   "5776823"   "5796166"   "5851896"   "5922466"   "5930639"   "6010928").PN.   | USPAT   | 2002/12/06 15:23 |
| - | 18  | ("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5187557"   "5191510"   "5335138"   "5350705"   "5489548"   "5554564").PN.   | USPAT   | 2002/12/06 15:25 |
| - | 276 | ((438/244) or (438/387)).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/06 15:27 |
| - | 174 | ((438/244) or (438/387)).CCLS.) and @ad<=20000427   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/12/06 15:27 |
| - | 17  | ("5208180"   "5300801"   "5381365"   "5391511"   "5436188"   "5444653"   "5521408"   "5683922"   "5837594"   "6011286"   "6025277"   "6043119"   "6051859"   "6104055"   "6251742"   "6261900"   "6294436").PN.   | USPAT   | 2002/12/06 15:28 |

|   |      |   |                    |                  |
|---|------|---|--------------------|------------------|
| - | 17   | ("5208180"   "5300801"   "5381365"   "5391511"   "5436188"   "5444653"   "5521408"   "5683922"   "5837594"   "6011286"   "6025277"   "6043119"   "6051859"   "6104055"   "6251742"   "6261900"   "6294436").PN.   | USPAT              | 2002/12/17 09:28 |
| - | 14   | ("5231306"   "5360995"   "5504041"   "5508141"   "5576579"   "5609927"   "5675186"   "5679980"   "5776823"   "5796166"   "5851896"   "5922466"   "5930639"   "6010928").PN.   | USPAT              | 2002/12/17 09:47 |
| - | 23   | ("4963511"   "5032233"   "5187638"   "5292677"   "5346844"   "5362666"   "5387550"   "5504038"   "5510651"   "5596221"   "5610099"   "5612574"   "5644166"   "5717250"   "5731242"   "5793076"   "5801916"   "5854104"   "5929526"   "5972747"   "5989952"   "6043529"   "6066541").PN.   | USPAT              | 2002/12/17 09:48 |
| - | 28   | ("5554557"   "5597754"   "5597756"   "5618747"   "5639685"   "5650351"   "5693554"   "5696014"   "5726085"   "5753558"   "5792688"   "5804481"   "5817554"   "5837582"   "5858838"   "5899716"   "5913119"   "5926719"   "5930625"   "5933728"   "5976945"   "5989969"   "6015733"   "6037219"   "6037220"   "6046082"   "6046093"   "6057205").PN. | USPAT              | 2002/12/17 09:50 |
| - | 5    | ("5389568"   "5418180"   "5447878"   "5554557"   "5792689").PN.   | USPAT              | 2002/12/17 09:53 |
| - | 10   | 6046093.URPN.   | USPAT              | 2002/12/17 09:53 |
| - | 27   | ("5063169"   "5155573"   "5169680"   "5185689"   "5191510"   "5196909"   "5300799"   "5381302"   "5439840"   "5521418"   "5576928"   "5624865"   "5627094"   "5658818"   "5674787"   "5696017"   "5717250"   "5757612"   "5776825"   "5789320"   "5793600"   "5821141"   "5851876"   "5932907"   "5976928"   "6069391"   "6188120").PN.             | USPAT<br>USPAT     | 2002/12/17 09:54 |
| - | 17   | ("5208180"   "5300801"   "5381365"   "5391511"   "5436188"   "5444653"   "5521408"   "5683922"   "5837594"   "6011286"   "6025277"   "6043119"   "6051859"   "6104055"   "6251742"   "6261900"   "6294436").PN.   | USPAT              | 2002/12/17 09:55 |
| - | 16   | ("4094057"   "5101251"   "5150276"   "5323038"   "5381365"   "5436477"   "5444013"   "5466964"   "5555520"   "5563085"   "5644151"   "5668041"   "5691219"   "5698878"   "5728596"   "5801079").PN.   | USPAT              | 2002/12/17 09:55 |
| - | 91   | 5392189.URPN.   | USPAT              | 2002/12/17 09:57 |
| - | 11   | ("5142437"   "5283201"   "5293510"   "5366920"   "5392189"   "5504041"   "5633188"   "5789320"   "5801916"   "5808854"   "6001660").PN.   | USPAT              | 2002/12/17 10:00 |
| - | 5    | ("5392189"   "5619393"   "6060735"   "6136660"   "6162744").PN.   | USPAT              | 2002/12/17 10:08 |
| - | 0    | 6265740.URPN.   | USPAT              | 2002/12/17 10:11 |
| - | 1657 | ((438/242) or (438/244) or (438/245) or (438/254) or (438/387) or (438/388) or (438/397) or (438/398)).CCLS.  | USPAT;<br>US-PGPUB | 2003/07/16 09:16 |
| - | 13   | ((((438/242) or (438/244) or (438/245) or (438/254) or (438/387) or (438/388) or (438/397) or (438/398)).CCLS.) and (adhesion with layer) with (ti ("tio.sub.2"))   | USPAT;<br>US-PGPUB | 2003/07/16 09:18 |
| - | 27   | ("5063169"   "5155573"   "5169680"   "5185689"   "5191510"   "5196909"   "5300799"   "5381302"   "5439840"   "5521418"   "5576928"   "5624865"   "5627094"   "5658818"   "5674787"   "5696017"   "5717250"   "5757612"   "5776825"   "5789320"   "5793600"   "5821141"   "5851876"   "5932907"   "5976928"   "6069391"   "6188120").PN.             | USPAT              | 2003/07/16 09:29 |
| - | 5    | 6344413.URPN.   | USPAT              | 2003/07/16 09:33 |